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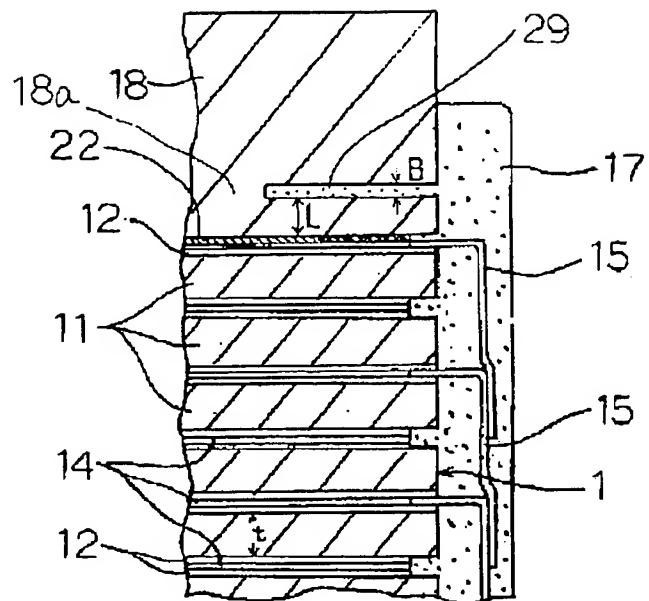
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APPLICANT : KYOCERA CORP;

INVENTOR : KAWAMOTO TOMOHIRO;

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TITLE : LAMINATED PIEZOELECTRIC
ACTUATOR



ABSTRACT : PROBLEM TO BE SOLVED: To provide a laminated piezoelectric actuator, wherein the stress concentration on the interface between an inactive block and laminate can be sufficiently relaxed.

SOLUTION: In the laminated actuator comprising a laminate 1 of alternately laminated a plurality of piezoelectric plates 11 and a plurality of electrodes 12, 14, and ceramic inactive blocks 18 respectively bonded to the upper and lower sides of the laminate 1 with electrodes 14 mutually electrically connected, annular slits 29 are formed in the peripheries of the inactive blocks 18, and the sectional area S1 of the reduced diameter 18a of the inactive block, at which the slit 29 is formed, is made 25-50% of the area S2 of the electrode 12.

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